

REPLACED BY
ART 34 AMDT

THE FOLLOWING IS THE ENGLISH TRANSLATION OF THE
ANNEXES TO THE INTERNATIONAL PRELIMINARY
EXAMINATION REPORT : AMENDED SHEETS (Pages 7, 15, and
16).

What is claimed is:

1. A process for preparing antimicrobial polymers,
which comprises
5 polymerizing aliphatically unsaturated monomers which have been at
least singly functionalized by means of a secondary amino group.
2. The process as claimed in claim 1,
wherein
10 aliphatically unsaturated monomers functionalized by means of a
secondary amino group and having the general formula



- 15 where R^1 is a branched, unbranched or cyclic, saturated or
unsaturated hydrocarbon radical having up to
50 carbon atoms which may have substitution
by O atoms, N atoms or S atoms, and
- 20 R^2 is a branched, unbranched or cyclic, saturated
or unsaturated hydrocarbon radical having up
to 25 carbon atoms, which may have
substitution by O atoms, N atoms or S atoms,
are used.

- 25
3. The process as claimed in claim 1 or 2,
wherein
the polymerization is carried out using other aliphatically unsaturated
monomers.
 - 30 4. The process as claimed in one of claims 1 to 3,
wherein
the polymerization is carried out on a substrate.
 5. The process as claimed in one of claims 1 to 4,

wherein

the polymerization is carried out as a graft polymerization of a substrate.

- 5 6. The process as claimed in claim 5,
wherein
the substrate is activated prior to the graft polymerization by UV
radiation, plasma treatment, corona treatment, flame treatment,
10 ozonization, electrical discharge or γ -radiation.
7. The process as claimed in claim 5,
wherein
the substrate is activated prior to the graft polymerization by UV
radiation with a photosensitizer.
- 15 8. The use of the antimicrobial polymers prepared as claimed in one of
claims 1 to 7 for producing products with an antimicrobial coating
made from the polymer.
- 20 9. The use of the antimicrobial polymers prepared as claimed in one of
claims 1 to 7 for producing items in medical technology with an
antimicrobial coating made from the polymer.
- 25 10. The use of antimicrobial polymers prepared as claimed in one of
claims 1 to 7 for producing hygiene items with an antimicrobial coating
made from the polymer.
- 30 11. The use of the antimicrobial polymers prepared as claimed in one of
claims 1 to 7 in surface coatings, in protective paints or in other
coatings.